University of Toronto.

FACULTY OF ARTS.

1869.

DEGREE OF B.A.

There are two regular modes of proceeding to the degree of B.A. *viz:*: one by passing the five Annual Examinations appointed for Undergraduates in the Faculty of Arts, and the other by passing the last four of them. The first of the five Annual Examinations is called "The Junior Matriculation Examination," and the second "The Senior Matriculation Examination," or, "The Examination for the First Year."

Candidates who purpose proceeding to the degree of B.A. by passing the last four Annual Examinations, may present themselves for Examination, either with the Undergraduates in May, or with the Senior Matriculants, in September; but those who have been Students of any Affiliated College, in which instruction is given in all the subjects prescribed for Candidates for the degree of B. A., may not compete with Senior Matriculants, for Honors or Scholarships, at the latter Examination. Such Students will be separately classified and arranged.

Candidates entering at the Junior or Senior Matriculation Examination, or at the Examination for the First Year, must have completed the 15th year of their age.

There are also three other modes of proceeding to the degree of B.A., *viz.*, by passing the last three Annual Examinations, or the last two Annual Examinations, or the Final Examination.

Candidates entering at the Examination for the Second Year must have completed the 17th year of their age; and, in addition to the subjects appointed for that year, must pass the Examination in Mathematics required for the First Year. Candidates entering at this Examination, or at the Senior or Junior Matriculation Examination, may select either the Fixed or Variable Course, as hereafter stated in "The Subjects of Examination."

Candidates entering at the Examination for the Third Year, must have completed the 18th year of their age; and in addition to the Fixed Departments and Sub-departments appointed for that year, must pass the Examination in Mathematics required in the First Year, and the Examinations in Natural Sciences, and in Logic, Metaphysics, and Ethics, required in the Second Year. Those who are not candidates for Honors must take the Fixed Subjects at the Final Examination.

Candidates entering at the Final Examination for B.A., must have completed the 25th year of their age; and, in addition to the fixed Departments and Sub-departments appointed for that year, must pass the Examination in Mathematics required in the First Year, the Examinations in Logic, Metaphysics, and Ethics, and in Natural Sciences, required in the Second Year, and the Examinations in History, Chemistry, the Elements of Civil Polity, Natural Theology and Evidences, required in the Third Year. If Candidates for Honors, they will be arranged in the Class Lists according to their proficiency.

Candidates on entering must produce satisfactory certificates of age and of good conduct.

The preceding restrictions as to age do not refer to Students of other Universities who apply for admission *ad eundem statum*.

Undergraduates are required to attend, as Matriculated Students, one of the Colleges affiliated to the University of Toronto, except in those cases in which the Senate, on consideration of peculiar circumstances, shall have dispensed with this rule.

Undergraduates of the University of Toronto, who are Matriculated Students of an Affiliated College, will not be admitted to the University Examinations of any year in which they have attended such Affiliated College, unless they produce a certificate from the Head of the College, that they have fulfilled the requirements of that College.

Students in any of the Colleges affiliated to the University of Toronto are not required to pass any other Examination in the University than that appointed for the Second Year, and the Final Examination for B.A.; but they must produce certificates from the Head of the Affiliated College, that they have in the other years passed satisfactory Examinations in all the subjects prescribed for those years by the University, and that they have fulfilled the requirements of that College.

Candidates for the degree of B.A., who are not Students in any Affiliated College, must in each of the years succeeding that in which they matriculate, pass an Examination in the subjects appointed for such year.

DEGREE OF M.A.

Candidates for the Degree of M.A., must have been admitted to the Degree of B.A.; must be of the standing of one year from admission to the Degree of B.A, and must have composed an approved Thesis upon some subject in one of the Departments in the Faculty of Arts.

CHANGE OF FACULTY, AND JOINT MATRICULATION.

Matriculation in the Faculty of Medicine, or in the School of Civil Engineering, or of Agriculture, will not be accepted as a substitute for Matriculation in Arts or in Law; nor will Matriculation in Arts be accepted as a substitute for Matriculation in Law. Candidates for Matriculation may not compete for Honors or Scholarships in two Faculties or Schools, nor in a Faculty and a School. Those who have matriculated in a Faculty or in the School of Civil Engineering may not compete for Honors or Scholarships at a subsequent Matriculation Examination in another Faculty or School.

ADMISSION "AD EUNDEM."

A Student in any University in Her Majesty's dominions may be admitted "*ad eundem statum*" in the University of Toronto.

A Student in any such University, applying to be admitted to the standing of the Third or Fourth Years in the University of Toronto, is required to take the Fixed Course for the respective years.

A Student applying to be admitted to a lower standing in the University of Toronto, than he held in such other University, may not compete for Honors or Scholarships at such lower standing; but if the Examiners report that he was otherwise entitled to be placed in the First Class in Honors, he may, at the next succeeding Examinations, be permitted to exercise the options of a Student who had been so classed in Honors.

A Graduate in the Faculty of Arts in any University in Great Britain or Ireland (if such Degree be not an honorary one) may be admitted to the same degree in the University of Toronto.

All applications for admission "*ad eundem statum*" or "*ad eundem gradum*," must be sent to the Registrar, together with the necessary certificates, at least fourteen days before the first meeting of the regular or special session, at which the application is to be brought forward.

FEES.

The following fees will be required:—

For Matriculation	four	dollars.
For change of Faculty	four	dollars.
For admission "*ad eundem statum*"	five	dollars.
For the first Degree in the University	six	dollars.
For every subsequent Degree	eight	dollars.
For admission "*ad eundem gradum*"	ten	dollars.

The fee for Matriculation must be paid to the Registrar before the Candidate offers himself for Examination; but if he should be rejected, he may offer himself again without any additional fee.

The fee for admission "*ad eundem statum*," or for Matriculation upon the certificate of the Head of any Affiliated Institution, must be paid to the Registrar at the time of application.

The fee for a Degree must be paid to the Registrar before the Degree is conferred.

EXAMINATIONS.

The Annual Examinations for Junior and Senior Matriculation will be held in the latter part of September.

The Annual Examinations for Students who have already Matriculated, and for those who propose to enter at any other part of the course, will be held in the month of May.

Notice will be given annually in January of the day when the Examinations will commence

Every Student who proposes to present himself at any Examination is required to send to the Registrar, at least three weeks before the day appointed, a paper (according to a printed form which will be provided), stating his standing, whether he is a Candidate for Honors or otherwise, and the departments or Sub-departments in which he proposes to offer himself for Examination.

Undergraduates below the standing of the Fourth Year, who have been rejected, or who have been prevented from attending the Annual Examinations in May by sickness, domestic affliction, or other causes beyond their control, may present themselves for Examination in September at the time of Matriculation Examinations. Satisfactory certificates must be sent to the Registrar at least three weeks before the day appointed for the commencement of the Supplemental Examinations.

The fee for a Supplemental Examination is six dollars for those who were rejected at the Regular Examinations, and three dollars for those who did not attend them.

SCHOLARSHIPS.

Twenty-four scholarships will be annually offered for competition in the Faculty of Arts, viz. :—

AT THE JUNIOR MATRICULATION EXAMINATION.

One in Classics.
One in Mathematics.
Two for General Proficiency in all the subjects appointed for Junior Matriculants.

AT THE SENIOR MATRICULATION EXAMINATION.

One in Classics.
One in Mathematics.
Two for General Proficiency in all the subjects appointed for Senior Matriculants.

AT THE EXAMINATION FOR THE FIRST YEAR.

One in Classics.
One in Mathematics.
Two for General Proficiency in all the subjects appointed for Students of the First Year.

The Examiners, at their discretion, may award for General Proficiency among the Senior or Junior Matriculants any Scholarship which has not been taken at the Senior or Junior Matriculation or at the preceding Examination of Undergraduates of the First Year ; or may reserve any Scholarship, which has not been taken at the Senior Matriculation, to be awarded for General Proficiency among the Undergraduates of the First Year at the succeeding Examination.

AT THE EXAMINATION FOR THE SECOND YEAR.

One in Classics.
One in Mathematics.
One in Natural Sciences.
One in Modern Languages, with History.
One in Logic, Metaphysics, and Ethics.
One for General Proficiency in all the subjects appointed for Students of the Second Year.

AT THE EXAMINATION FOR THE THIRD YEAR.

One in Classics.
One in Mathematics.
One in Natural Sciences.
One in Modern Languages, with History.
One in Metaphysics and Ethics, with Civil Polity, Natural Theology and Evidences, and History.
One for General Proficiency in all the subjects appointed for Students of the Third Year.

Candidates for the Scholarship in the Natural Sciences in the Second Year will, in addition to the subjects appointed for that year, be re-examined in those portions of Natural History which formed the subjects of Examination in the First Year; and Candidates for the Scholarships in Natural Sciences in the Third Year, will, in addition to the subjects appointed for that year, be re-examined in those portions of Mineralogy and Geology which formed the subjects of Examination in the Second Year.

In awarding the Scholarships for General Proficiency, not only the subjects appointed for all Students, but also the subjects appointed for Candidates for Honors, are taken into account, and the Scholarships are awarded to such Students as have obtained the highest aggregate number of marks upon the whole Examination, but in this aggregate the numbers obtained by any Candidate in the additional subjects in the Natural Sciences before mentioned are not included. In awarding these Scholarships the comparative value of the several Departments and Sub-departments is estimated according to the following schedule :—

FOR JUNIOR MATRICULATION.

Classics	400
Mathematics	400
English	100
History	100
French	100

FOR SENIOR MATRICULATION OR FOR THE FIRST YEAR.

Classics	500
Mathematics	500
English	200
French	125
German	125
Chemistry	125
Natural History	125

FOR THE SECOND YEAR.

Classics	600
Mathematics	600
French	180
German	180
History	200
Natural History	150
Mineralogy and Geology	150
Logic	120
Metaphysics and Ethics	200

FOR THE THIRD YEAR.

Classics	880
Mathematics	880
French	250
German	250
Italian	100
History	440
Chemistry	440
Natural History	440
Metaphysics	240
Ethics	240
Civil Polity	150
Natural Theology and Evidences	175

Each Scholarship is of the value of one hundred and twenty dollars a year.

Each Scholarship is tenable for one year only, but the Scholars of one year are eligible for the Scholarships of the succeeding years.

No Student can hold two Scholarships at the same time; but if two or more Scholarships have been awarded to him, he will be entitled to the sum of Forty Dollars for each additional Scholarship, his Scholarship being called a double, triple, &c., Scholarship, as the case may be, and the Senate may award the remainder of the value of such additional Scholarship to the Student who would next have been entitled to it.

No Scholarship, except those for General Proficiency, will be awarded to any Candidate, who has been placed lower than the First Class in the Department, or in either of the Departments, for which the Scholarship has been established.

All Scholars must sign a declaration that it is their intention to proceed to a Degree in the University of Toronto.

MEDALS, PRIZES, AND CERTIFICATES OF HONOR.

Gold Medals may be given upon the special recommendation of the Examiners, to the Students who, at the Final Examination for the Degree of B.A., have been placed first in the First Class of Honors in any of the following Departments, viz.:—

CLASSICS.
MATHEMATICS.
NATURAL SCIENCES.
MODERN LANGUAGES.
LOGIC, METAPHYSICS, AND ETHICS, WITH CIVIL POLITY.

No Gold Medal in Modern Languages will be awarded except to such Candidates as have been placed in the First Class of each of the following Sub-departments, viz., English, French, German, Italian, and Spanish.

No Gold Medal in Natural Sciences will be awarded except to such Candidates as have been placed in the First Class in each of the following Sub-departments:—Chemistry, Mineralogy and Geology, Botany and Zoology.

A Silver Medal will be given to each of the Students, who, at the Final Examination for the Degree of B.A., has been placed in any of the above Departments in the First Class in Honors, provided a Gold Medal has not been awarded to him in that Department.

In the Natural Sciences the rank of First Class in Honors in two of the three Sub-departments and Second Class in Honors in the Third, will be sufficient qualification for a Silver Medal.

In the Modern Languages the rank of First Class in Honors in English, French, German, and either Italian or Spanish, will be sufficient qualification for a Silver Medal.

A Prize of the value of twenty dollars in books will be given to each Candidate who, at the Final Examination for the Degree of B. A., has been placed first in the First Class, in any Sub-department in the Natural Sciences, and is not entitled to a medal in the Department.

A Prize of the value of ten dollars in books will be given to the Candidate who has been placed first in the First Class in Meteorology.

A Prize of the value of ten dollars in books will be given to the Candidate who, at any of the four Examinations of Undergraduates, has been placed first in the First Class in Oriental Languages.

Prizes, each of the value of ten dollars in books, may be awarded annually among Undergraduates in Arts, Law, or Medicine, for the best Compositions in Greek Verse, Greek Prose, Latin Verse, Latin Prose, English Verse, English Prose, French Prose, or German Prose.

Certificates of Honor will be given at each Examination to those Students who have been placed in the First Class in any Department.

Persons who do not propose to proceed to a Degree in the University may offer themselves for Examination in any one or more of all the Departments appointed for the Final Examination for the Degree of B.A., and if placed in the First Class at such Examination they will receive Certificates of Honor.

THE PRINCE'S PRIZE.

Through the liberality of His Royal Highness, the Prince of Wales, a silver ink-stand, called "The Prince's Prize," will be annually offered for competition. The prize will be awarded to the Candidate for the Degree of B.A., who having been classed in Honors in at least two Departments, and in the First Class in at least one Department, shall have obtained the highest aggregate number of marks.

In determining the aggregate amount of marks the comparative value of the several Departments and Sub-departments is estimated according to the following schedule:

Classics	1,250
Mathematics	1,250
English	400
French	350
German	300
Italian	200
Spanish	100
Chemistry	450
Natural History	450
Mineralogy and Geology	450
Meteorology	100
Logic, Metaphysics, and Ethics	950
Civil Polity	300
History	450
Hebrew	300
Chaldee	200
Syriac	100

SUBJECTS OF EXAMINATION.

JUNIOR MATRICULATION.

DEPARTMENT I.—CLASSICS.

LUCIAN, Charon and Life.
HOMER, Iliad, B. I.
CICERO, for the Manilian law.
VIRGIL, Æneid, B. II.

Translation from English into Latin Prose.

DEPARTMENT II.—MATHEMATICS.

ARITHMETIC AND ALGEBRA.

Arithmetic.
First four Rules of Algebra, and Simple Equations (Todhunter's Algebra for Beginners).

GEOMETRY.

EUCLID, B. I. (Colenso's, Potts's, or Todhunter's).

DEPARTMENT III.—MODERN LANGUAGES.

ENGLISH.

Grammar.

FRENCH.

Grammar and Exercises. (De Fivas).
VOLTAIRE, Histoire de Charles XII., Liv. VI. VII. VIII.
CORNEILLE, Horace, Acts I., II.

DEPARTMENT IV.—HISTORY AND GEOGRAPHY.

Outlines of English History to the present time.
" Roman History to the death of Nero.
" Grecian History to the death of Alexander.
" Ancient and Modern Geography.

French is necessary for those who may substitute "Modern Languages," for "Classics," after the Second Year.

Candidates for Honors and Scholarships at the Junior Matriculation Examination will be examined in the following additional subjects:

DEPARTMENT I.—GREEK AND LATIN LANGUAGES.

XENOPHON, Anabasis, B. I, Chaps. VII., VIII., IX., X.
HOMER, Odyssey, B. IX.
LIVY, B. II., Chaps. I. to XV. inclusive.
HORACE, Odes, B. I.
OVID, Heroides, I., XIII.

Two passages, one in Greek and the other in Latin, selected by the Examiners from authors or works not specified.
Translation from English into Latin Verse, or Paper on Grammar at the option of the Candidate.

DEPARTMENT II.—MATHEMATICS.

ALGEBRA.

Proportion and Progression.
Quadratic Equations.

GEOMETRY.

Euclid, Bb. II., III. and IV.

DEPARTMENT III.—MODERN LANGUAGES.

ENGLISH.

Grammar and Composition.

DEPARTMENT IV.—HISTORY AND GEOGRAPHY.

English History under the Houses of Tudor and Stuart
Geography of the British Empire, including her Colonies.

FIRST YEAR, OR SENIOR MATRICULATION.

DEPARTMENT I.—CLASSICS.

Xenophon, Anabasis, B. V.
Homer, Iliad, B. VI.
Livy, B. V., Chaps. I. to XXV., inclusive.
Horace, Odes, B. III.
Ovid, Fasti, B. I.

Translation from English into Latin Prose.

DEPARTMENT II.—MATHEMATICS.

Arithmetic.
Algebra. (Todhunter's Algebra for Beginners).
Euclid, Bb. I., II., III., IV., and VI., and Def. of V. (Colenso's, Potts's, or Todhunter's.)
Plane Trigonometry, as far as solution of Plane Triangles. (Cherriman's.)

DEPARTMENT III.—MODERN LANGUAGES.

ENGLISH.

Composition.
Orthographical, Etymological, and Rhetorical Forms of the English Language. (Fowler's English Language, Parts III., IV., VII.)
History of English Literature from Edward III. to James I., inclusive. (Craik's English Literature and Language.)
Books of Reference.—Craik's History of Literature and Learning in England, Books III., IV., V. Marsh's English Language and Literature, Lects. VI. to XII.

FRENCH.

Grammar. (De Fivas).
De Staël, L'Allemagne, Ire Partie.

GERMAN.

Grammar. (Aue's Elementary).
Adler's Reader, Part II.
History of German Literature. (Thimm's Literature of Germany.)

DEPARTMENT V.—NATURAL SCIENCES.

ELEMENTS OF NATURAL HISTORY.

As in Second Year, p. 12.

DEPARTMENT VI.—ORIENTAL LANGUAGES.

HEBREW.

Grammar to end of irregular verbs. (Gesenius's).
Genesis, Chaps. I., II., III., IV., V.
Psalms, I., II., III., IV, V.
Outlines of the History of the Hebrew Language and Literature to the Christian æra.

FIXED COURSE.

The Fixed Course in the First Year or for Senior Matriculation comprehends the following Departments and Sub-Departments:

Classics; Mathematics; English and French Languages; Elements of Natural History.

VARIABLE COURSE.

Senior Matriculants, and those Students who did not take French at the Junior Matriculation Examination, are required to take either French or Hebrew. German is necessary for those who may substitute "Modern Languages" for "Classics" after the Second Year.

The Elements of Natural History are necessary either in this or in the Second Year.

Students may in this year, at their discretion, pass their Examination in any necessary Sub-department prescribed for a succeeding year.

Candidates for Honors and Scholarships at the Examination for the First Year or for Senior Matriculation will be examined in the following additional subjects:

DEPARTMENT I.—CLASSICS.

Lucian, Timon.
Homer, Odyssey, B. XII.
Livy, B. V., Chaps. XXVI. to LV., inclusive.
Cicero, for Archias.
Virgil, Æneid, B. IX.

Two passages, one in Greek and the other in Latin, selected by the Examiners from authors or works not specified. Translation from English into Latin Verse, or Paper on Grammar at the option of the Candidate.

DEPARTMENT II.—MATHEMATICS.

Algebra. (Colenso's.)
Plane Trigonometry. (Colenso's or Todhunter's.)

DEPARTMENT II.—MODERN LANGUAGES.

ENGLISH.

Prosody. (Fowler's English Language, Part VIII.) *Book of Reference.*—Guest's History of English Rhythms.
History of English Literature prior to Chaucer. (Craik's History of Literature and Learning in England, Bb. I., II.)
Book of Reference.—Marsh's English Language and Literature, Lects. III. to VII.
*Analysis of one of Shakespeare's Plays.
Morris's Prologue to Canterbury Tales (Clarendon Press Ed.)

FRENCH.

VOLTAIRE, Alzire.
ALFRED DEVIGNY, Cinq-Mars.
Translation from English into French.

GERMAN.

SCHILLER, Lied von der Glocke, and Neffe als Onkel.
Translation from English into German.

DEPARTMENT V.—NATURAL SCIENCES.

CHEMISTRY.

Inorganic Chemistry. (Roscoe's Elements, or Macadam's Wilson.)
Chemistry is necessary for those who purpose offering themselves as Candidates for Honors or Scholarships at the Examination in Natural Sciences for the Second Year.

ELEMENTS OF NATURAL HISTORY.

As in Second Year, p. 14.

DEPARTMENT VII.—ORIENTAL LANGUAGES.

HEBREW.

Genesis, Chaps., VI., VII., VIII.
Psalms, VI., VII., VIII.

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* 1870. King Lear. 1871. Julius Cæsar. 1872. Merchant of Venice. 1873. Macbeth. 1874. Timon of Athens.

SECOND YEAR.

DEPARTMENT I.—CLASSICS.

Demosthenes, Philippics, I., II. Cicero, against Catiline, I., and for Ligarius.
Homer, Odyssey, B. XXI. Virgil, Georgics, B. IV.

Translation from English into Latin Prose.

DEPARTMENT II.—MATHEMATICS.

Statics, Dynamics. (Cherriman's.)

DEPARTMENT III.—MODERN LANGUAGES.

FRENCH.

Grammaire et Exercices, (Pujol.)
Antonin Roche, Prosateurs Français, (19th century.)
Demogeot, Littérature Française (Sixth Period.)
Translation from English into French.

GERMAN.

Grammar (Aue's Larger.)
Adler's Reader, Part IV.
Evans's Abriss der deutschen Literaturgeschichte, pp. 1—108.
Translation from English into German.

DEPARTMENT IV.—HISTORY.

Outlines of History to the Discovery of America. (Schmitz's Manual of Ancient History.)
Origin of Civilization: Book I., Chaps. I., III., IV., VI., VIII.
Greece: Persian War to Achæan League. Book II., Chaps. IV., VI. to XII.
Rome: Subjugation of Italy to accession of M. Aurelius. Book III., Chaps. VI. to XVII.
Medieval: Hallam's Middle Ages, Chap. I., Part 2. Chaps. V., VIII.
Books of Reference.—Smith's, Grote's, and Thirwall's Greece.
Liddell's, Merivale's, and Mommsen's Rome, Gibbon's Decline and Fall.

DEPARTMENT V.—NATURAL SCIENCES.

ELEMENTS OF MINERALOGY AND GEOLOGY.

The properties and distinctive characters of the commonly occurring minerals and metallic ores.
The structural characters, conditions of occurrence, and classification of rocks generally.
Geological phenomena now in action, with theory of springs, currents, tides, winds, &c.
Dana's Manual of Mineralogy; Lyell's Elementary Geology; Duff's Physics of the Earth.
A detailed synopsis of Professor Chapman's lectures may be obtained by application to the Registrar.

ELEMENTS OF NATURAL HISTORY.

Elements of General and Comparative Physiology.—Agassiz and Gould's Comparative Physiology.
Elements of Botanical Science, structural and systematical.—Gray's First Lessons in Botany; Lindley's Classification; Bentham's Outlines of Elementary Botany.

DEPARTMENT VI.—LOGIC, METAPHYSICS, AND ETHICS.

LOGIC.

MURRAY, Logic. (Walker's edition).

METAPHYSICS AND ETHICS.

LOCKE, Bb. II., III., and IV.
WAYLAND, Moral Science.

DEPARTMENT VII.—ORIENTAL LANGUAGES.

HEBREW.

Grammar continued to the end of Syntax.
Genesis, Chapters XXXVII., XXXIX., XL.
Psalms, X. to XX., inclusive.
Spirit and Characteristics of Hebrew Poetry. (Hirschfelder's).

FIXED COURSE.

The Fixed Course in the Second Year comprehends the following Departments and Sub-departments:

Classics; Mathematics; History; French Language; Elements of Mineralogy and Geology; Logic, Metaphysics, and Ethics.

VARIABLE COURSE.

German is necessary for those who may substitute "Modern Languages" for "Classics" after this year.
Those who take Hebrew may omit French and German, but must take Classics.
The Elements of Natural History are necessary for those who did not take them in the First Year.

Candidates for Honors and Scholarships at the Examination for the Second Year will be examined in the following additional subjects:

DEPARTMENT I.—CLASSICS.

DEMOSTHENES, Philippic, III.
XENOPHON, Hellenics. B. I.
HOMER, Iliad, B. XXII.
CICERO, Philippic, II.
VIRGIL, Georgics, B. I.
HORACE, Odes, Bb. II., IV., and Epodes.

Two passages, one in Greek and the other in Latin, selected by the Examiners from authors or works not specified.

Translation from English into Latin Verse, or Paper on Grammar, at the option of the Candidate.

DEPARTMENT II.—MATHEMATICS.

Analytical Conic Sections. (Puckle's).
NEWTON, Principia, section I. (Evans's edition).
Elements of Differential and Integral Calculus. (Hemming's).
NEWTON, Principia, sections II. and III. (Evans's edition).

DEPARTMENT III.—MODERN LANGUAGES.

FRENCH.

La Bruyère, chapitre 1er, Des Ouvrages de l'Esprit.
La Fontaine, Liv. I., II., III. IV., V., VI.

GERMAN.

Aus Goethe's Italienischer Reise.—Ed. Buchheim.
Composition.

DEPARTMENT IV.—HISTORY.

European History from Rise of Mohammedanism to Accession of Charles V. to the Empire. (Taylor's Manual of Modern History, Chaps. II. to VI; Prescott's Robertson's Charles V. (Introduction); Hallam's Middle Ages, Chap. I. Part I.; Chaps. II., III., IV., VI.

Book of Reference.—Gibbon's Decline and Fall.

DEPARTMENT V.—NATURAL SCIENCES.

MINERALOGY AND GEOLOGY.

Rudiments of Crystallography.
Elementary Principles of Palæontology.
Elements of Physical Geography. (Dana's Manual; Johnston's Elementary Atlas of Physical Geography; Synopsis of Professor Chapman's Lectures).

ELEMENTS OF NATURAL HISTORY.

Elements of Vegetable Anatomy and Physiology; Lamellibranchiate and Gasteropod Molluska.

Books of Reference.—Gray's First Lessons, pp. 128-171; Woodward's Recent and Fossil Shells; Ogilvie, The Master-Builder's Plan.

DEPARTMENT VI.—LOGIC, METAPHYSICS, AND ETHICS.

Thomson, Outline of the Laws of Thought.
Tennemann's History of Philosophy to the end of the Scholastic period.—Morell's edition.
DesCartes, Method, Meditations, and Principles.

DEPARTMENT VII.—ORIENTAL LANGUAGES.

HEBREW.

Genesis, Chap. XLIX.
Psalms, XXI. to XXV. inclusive.
Literary History of the Principal Hebrew writers after the Christian æra.

THIRD YEAR.

DEPARTMENT I.—CLASSICS.

Herodotus, B. VI.
Euripides, Alcestis.
Livy, B. XXI.
Horace, Satires, B. II., and Epistles, B. I.
Translation from English into Latin Prose.

DEPARTMENT II.—MATHEMATICS.

Hydrostatics.—Chambers's Educational Course.
Optics. Ditto.

DEPARTMENT III.—MODERN LANGUAGES.

FRENCH.

Composition.
Racine, Iphigènie.
Antonin Roche, Prosateurs Français, 18me Siècle.
Demogeot, Littérature Française, (5th period.)

GERMAN.

Grammar.
Evans's Abriss der deutschen Literaturgeschichte, pp. 109-228.
Schiller, Jungfrau von Orleans.
Translation from English into German.

DEPARTMENT IV.—HISTORY.

Outlines of Modern History.—(Taylor's Students' Manual of Modern History, Chaps. VI. to X., Chap. XII. W. D. Hamilton's Outlines of English History.)

Book of Reference.—Hallam's Constitutional History, Chapters I., V. to IX., XII. to XVI. inclusiv.

DEPARTMENT V.—NATURAL SCIENCES.

CHEMISTRY.

Chemistry and Chemical Physics. (Roscoe's Elements; Lardner's Hand-Book of Heat and Electricity, or Miller's Chemical Physics.)

NATURAL HISTORY.

Comparative Physiology, accompanying a Systematical View of the Animal Kingdom.
Vegetable Organography and Physiology.
View of the Vegetable Kingdom.

Books of Reference.—Van der Hœven's Handbook of Zoology; Jones's Animal Kingdom; Carpenter's Zoology; Gray's Botanical Text-Book.

DEPARTMENT VI.—METAPHYSICS, ETHICS, &c.

METAPHYSICS AND ETHICS.

Reid, Intellectual Powers.
Stewart, Moral and Active Powers.

CIVIL POLITY.

Rogers, Manual of Political Economy.

NATURAL THEOLOGY AND EVIDENCES.

Paley, Natural Theology.
" Evidences.

DEPARTMENT VII.—ORIENTAL LANGUAGES.

HEBREW.

Psalms, XL., CXXXIII., CXXXVII.
Isaiah, Chaps, IV., VII., XIV., LII., LIII.

FIXED COURSE.

The Fixed Course in the Third Year comprehends the following Departments and Sub-departments:

Classics; Mathematics; History and Ethnology; French Language; Chemistry; Metaphysics, Elements of Civil Polity, Natural Theology and Evidences of Christianity.

VARIABLE COURSE.

Those who are not Candidates for Honors may exercise an option between Classics and Modern Languages. Those who take Hebrew must take Classics. An option is also permitted between Mathematics of the Third and Fourth Years, and between Natural History of this year and Mineralogy and Geology of the Fourth Year.

Candidates for Honors and Scholarships at the Examination for the Third Year will be examined in the following additional subjects:—

DEPARTMENT I.—CLASSICS.

Plato, Apology.
Polybius, Scipio in Spain.
Æschylus, The Persians.
Sophocles, Œdipus Tyrannus.
Livy, B. XXXI.
Tacitus, Histories, B. I.
Terence, Andrian.
Horace, Sat. B. I., and Epist., B. II.

Two passages, one in Greek and the other in Latin, selected by the Examiners from authors or works not specified. Translation from English into Latin Verse, or Paper on Grammar at the option of the Candidate; and Translation from English into Greek Prose.

DEPARTMENT II.—MATHEMATICS.

Differential and Integral Calculus.—De Morgan's or Price's—*for reference.*
Analytical Geometry of two and three dimensions. (Salmon's and Hymer's.)
Theory of Algebraic Equations. (Todhunter's.)
Analytical Statics. (Todhunter's.)
Dynamics of a Particle. (Sandeman's)
Geometrical Optics. (Parkinson's.)
Hydrostatics. (Miller's or Besant's.)

DEPARTMENT III.—MODERN LANGUAGES.

FRENCH.

La Bruyère, Chapitres VIII. et IX., De la Cour, Des Grands.
Racine, Esther, Bajazet.
Molière, Le Misanthrope.
Conversation in French.
Passages from authors or works not specified.

GERMAN.

Composition.
Lessing, Emilia Galotti.
Körner, Leyer und Schwert.
Passages from authors or works not specified.

ITALIAN.

Grammar,—Zotti's Italian and French.
Goldoni, La Villeggiatura.
Metastasio, La Clemenza di Tito.

DEPARTMENT IV.—HISTORY

British History, from the Accession of Charles I. to the Revolution. (Hallam's Constitutional History, Chaps. VII. to XV., Macaulay's History.)

Ancient and Modern Ethnology. (Latham's Ethnology of Europe; Latham's Man and his Migrations; Max Müller's Science of Language, *First Series*)

Books which may be consulted.—Pritchard's Researches into the Physical History of Man; Pritchard's Eastern Origin of the Celtic Language, *Latham's El.;* Newman's Regal Rome; Latham's Varieties of Man; Latham's Ethnology of British Isles; Niebuhr's Ethnography; Wilson's Prehistoric Man, *2nd Ed.*

DEPARTMENT V.—NATURAL SCIENCES.

CHEMISTRY.

Chemistry and Chemical Physics. *Books of Reference.*—Fownes's Elements of Chemistry; Naquet's Chemistry.

NATURAL HISTORY.

Comparative Physiology:—The Animal Kingdom.
Vegetable Organography and Physiology.
The Vegetable Kingdom, with special reference to Canadian Botany.

Clark's Translation of Van der Hœven's Hand-Book of Zoology; Carpenter's Zoology; Gray's Botanical Text Book.

DEPARTMENT VI.—METAPHYSICS, ETHICS, AND CIVIL POLITY.

METAPHYSICS AND ETHICS.

Locke, B. I., with Cousin's Critique on Locke.
Stewart, Dissertation on the History of Intellectual Philosophy.
Macintosh, Dissertation on the Progress of Ethical Science.
Schwegler, History of Philosophy, Chap. XXIII, to end.

CIVIL POLITY.

Mill, (J. S.) Political Economy, Book I.

DEPARTMENT VII.—ORIENTAL LANGUAGES.

CHALDEE.

Grammar.—Winer's.
DANIEL, Chaps. II. and III.
History of the Chaldee Language and Literature.

A Candidate for Honors in Departments I., II., III., and IV., V. or VI., who has also obtained Honors in the same Department or Departments at the Examination for the Second Year, may omit all other Departments or Sub-departments, except Chemistry, Elements of Civil Polity, and Natural Theology and Evidence, but those who have taken Second Class Honors, must take an additional Sub-department, which they may select.

A Candidate for Honors in Departments I., II., III., and IV., V. or VI., who has also obtained First Class Honors in more than one Department at the Examination for the Second Year, may omit all other Departments or Sub-departments, except Natural Theology and Evidences.

FINAL EXAMINATION OF CANDIDATES FOR DEGREE OF B.A.

DEPARTMENT I.—CLASSICS.

THUCYDIDES, B. V.
SOPHOCLES, Antigone.
TACITUS, Annals, B. I.
JUVENAL, Sat. III., VII., VIII., and X.

Translation from English into Latin Prose.

DEPARTMENT II.—MATHEMATICS.

Acoustics.—Chambers's Educational Course.
Astronomy.—Herschel's Outlines.

DEPARTMENT III.—MODERN LANGUAGES.

ENGLISH.

Principles of Composition, Grammar, and Etymology, from selected passages.
History of the Formation of the English Language and its Philological Elements.—Fowler's English Language, or Latham's English Language.
History of Literature from Queen Anne to the present time.—Craik's English Literature and Language.
Books of Reference.—Marsh's English Language and its early Literature; Craik's History of English Literature.

FRENCH.

Composition.
CORNEILLE, Le Cid.
Antonin Roche, Prosateurs Français, to 18th Century.
Demogeot, Littérature Française, 4th period.

GERMAN.

Grammar.
Composition.
TIECK, Der gestiefelte Kater.
SCHILLER, Wilhelm Tell.
Evans's History of German Literature.
For reference.—Carlyle's Life of Schiller and Essays; G. H. Lewes's Life of Goethe; Jorden's Lexikon deutscher Dichter und Prosaisten; Vilmar, Geschichte der deutschen National Literatur.

DEPARTMENT V.—NATURAL SCIENCES.

MINERALOGY, GEOLOGY, AND PHYSICAL GEOGRAPHY.

Physical and Chemical Characters of Minerals, including the application of Crystallography, and the Construction of Chemical Formulæ.

Classification of Minerals.

General Principles of Geology fully considered.

Palæontology.

Leading Principles of Physical Geography, as embraced in the present aspect and condition of the Earth.

Books of Reference.—Dana's System of Mineralogy, 4th Ed.; De la Beche's Geological Observer; Lyell's Principles and Elements of Geology; Somerville's Physical Geography; Johnson's Abridged Atlas. Synopsis of Prof. Chapman's Lectures.

CHEMISTRY.

Applied Chemistry. *Book of Reference.*—Knapp's Technology.

METEOROLOGY.

Loomis, Meteorology—Chapters I. to V. inclusive.

DEPARTMENT VI.—METAPHYSICS, ETHICS, AND CIVIL POLITY.

CIVIL POLITY.

Smith, Wealth of Nations. Bb. I., II., III., and IV.
Cox, British Commonwealth.

DEPARTMENT VII.—ORIENTAL LANGUAGES.

HEBREW.

Job, Chapters III., IV., V., VI., VII.
Proverbs, Chapters I., II., III.
Ecclesiastes, Chapters I., II., XII.

FIXED COURSE.

The Fixed Course in the Fourth Year comprehends the following Departments and Sub-departments: Classics; Mathematics; English and French Languages.

VARIABLE COURSE.

Those who are not Candidates for Honors may take any three Departments; but two of them must be selected from the following four:—"Classics," "Mathematics," "Modern Languages" and "Natural Sciences." Those who take Hebrew must also take Classics. Those who have not taken Mathematics in the Third Year, must take Mathematics with Meteorology in this year. Those who have not taken Natural History in the Third Year must take Mineralogy, Geology, and Physical Geography, with Applied Chemistry, in this year.

Candidates for Honors at the Final Examination will be examined in the following additional Subjects:

DEPARTMENT I.—CLASSICS.

Herodotus, Bb. VI., IX.
Thucydides, Bb. V., VII.
Xenophon, Hellenics, B. I.
Anabasis, B. V.
Polybius, B. X.
Æschines, against Ctesiphon.
Demosthenes, on the Crown.
Aristotle, Rhetoric, B. II.
Politics, B. II.
Plato, Apology.

Homer, Iliad, Bb. VI., XXII.
Odyssey, Bb. XII., XXI.
Hesiod, Works and Days.
Æschylus, the Persians and Prometheus.
Euripides, Alcestis and Medea.
Sallust, Jugurtha.
Livy, Bb. V., XXI., XXXI.
Tacitus, Histories, B. I.
Annals, B. I.
Cicero, for Archias, for Ligarius, and Philippic II.
de Oratore, B. II.
de Legibus.
Epistles, ad Familiares, B. XIV.
Pliny, Epistles, B. VI.

Lucretius, B. V.
Virgil, Æneid, Bb. IX., XII.
Georgics, Bb. I., IV.
Eclogues, I., IV., IX.
Plautus, Aulularia.
Terence, Andrian.

Sophocles, Œdipus Tyrannus and Antigone.
Aristophanes, the Knights,
Pindar, Olympic Odes.
Theocritus, Idylls, I., IV., VI.
Bion, Idyll, I.
Moschus, Idylls, I., III.
Greek Epigraphy.

Horace.
Persius, Sat. I., III., V.
Juvenal, Sat. III., VII., VIII., X.
Catullus, IV., IX., XIV., XXXI., LXV., CI.
Tibullus, B. I. 10, B. II. 1., B. III. 3.
Propertius, B. III. 1., B. III. 22, B. IV. 6.
Latin Epigraphy.

Four passages, two in Greek and two in Latin, selected by the Examiners from authors or works not specified. Translation into Greek and Latin Verse, or two Papers on Grammar, one in Greek and the other in Latin, at the option of the Candidate.

DEPARTMENT II.—MATHEMATICS.

Arithmetic.
Algebra. (Colenso's)
Plane Trigonometry. (Colenso's or Todhunter's.)
Spherical Trigonometry. (Todhunter's)
Conic Sections. (Puckle's.)
Analytical Geometry. (Salmon's and Hymer's.)
Differential and Integral Calculus.
Newton, Principia, sections IX. & XI. (Evans's Edition.)
Theory of Algebraic Equations. (Todhunter's.)
Newton, Principia, sect. I., II., III. (Evans's Edition.)
Statics. (Todhunter's.)
Dynamics. (Sandeman's and Griffin's.)
Hydrostatics and Hydrodynamics. (Miller's or Besant's.)
Geometrical Optics. (Parkinson's.)
Acoustics. (Herschel's or Peirce's.)
Plane Astronomy. (Hymer's.)
Lunar Theory. (Godfrey's)

DEPARTMENT III.—MODERN LANGUAGES.

ENGLISH.

*Critical Analysis of two of Shakspeare's Historical Plays.
*Critical Analysis of Poems of Spencer, Milton, Pope, Cowper, and Wordsworth.

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* 1870—King John and Henry VIII.
Spenser's Faerie Queen, B. II., Can. VII.
Spenser's Shepherd's Calendar, Eclogue IV.
Milton's Paradise Lost, B. VIII.
Milton's Comus and Sonnets.
Pope's Dunciad, B. IV.
Pope's Essay on Criticism, Part II.
Cowper's Task, Bb. II., V.
Cowper's Table Talk.
Wordsworth's Ode, Intimations of Immortality.
Wordsworth's Sonnets to Liberty, Part II. Nos. XI., XV., XXXII., XXXIII.

1871—Henry VI., Part III., and Richard III.
Spenser's Faerie Queen, B. I., Can. IV., V.
Spenser's Shepherd's Calendar, Eclogue V.
Milton's Paradise Lost, B. IX.
Milton's Lycidas.
Pope's Essay on Man, Epistle I.
Cowper's Task, Bb. IV., V.
Cowper's On Receipt of my Mother's Picture.
Wordsworth's Excursion, B. IV.
Wordsworth's Sonnets to Liberty, Part I., Nos. I., VI., XII., XIV., XV.

1872—Henry IV., Part II., and Henry V.
Spenser's Faerie Queen, B. I., Can. IX., X.
Spenser's Shepherd's Calendar, Eclogue VI.
Milton's Paradise Lost, Bb. XI., XII.
Milton's Ode on the Nativity.
Pope's Dunciad, Bb. I., IV.
Pope's Moral Essays, Epist. V.
Cowper's Task, Bb. II., III.
Cowper's Conversation.
Wordsworth's Resolution and Independence.
Wordsworth's Sonnets to Liberty, Part I. Nos., VI., XIV., XVI., XIX.

1873—Richard II., and Henry VI., Part III.
Spenser's Faerie Queen, B. VII., Mutabilitie, Can. VII.
Spenser's Shepherd's Calendar, Eclogue X.
Milton's Paradise Lost, Bb. I., II.
Milton's Lycidas and Sonnets.
Pope's Dunciad, Bb. III., IV.
Pope's Prologue to the Satires.
Cowper's Task, B. V.
Cowper's Retirement.
Wordsworth's Intimations of Immortality.
Wordsworth's Tintern Abbey.

FRENCH.

Lamartine, Voyage en Orient. 1er Volume.
Antonin Roche, Poëtes Français.
Molière, L'Avare.
Tonsard, L'honneur et L'argent.
Passages from authors or works not specified.
Conversation in French.

All questions, whether oral or written, must be answered in French.

GERMAN.

La Motte Fouqué, Sintram und seine Gefährten.
Schiller, Geschichte de. dreissigjährigen Krieges, B. I.
Goethe, Iphigenie auf Tauris.
Wieland, Oberon.
Passages from authors or works not specified.

ITALIAN.

Manzoni, I Promessi Sposi, I.—XX.
Tasso, Gerusalemme Liberata, Canto XII.
Dante, Inferno, Can. I. to VII., inclusive.
Alfieri, Agamennone.
Goldoni, Il Burbero Benefico.
Translation from English into Italian.
History of Italian Literature.—Sismondi's Literature of the South of Europe, as far as Chap. XV.

SPANISH.

Grammar (De Vere's) and translation from English into Spanish.
Quintana, Vida del Cid, and El Gran Capitan.
Moratin, El Si de las Niñas.
History of Spanish Literature.—Sismondi's Literature of the South of Europe, as far as Chap. XXX.
Comparison of Etymological and Grammatical Forms in Latin, Provençal, French, Italian, and Spanish. Sir G. Cornewall Lewis's Origin and Formation of the Romance Languages.

A Candidate for Honors in Modern Languages is not required to take both Italian and Spanish, but either, at his option.

DEPARTMENT V.—NATURAL SCIENCES.

CHEMISTRY.

Vegetable and Animal Chemistry. *Books of Reference.*—Fownes's or Naquet's.
Qualitative Analytical Chemistry. (Croft's Practical Chemistry.) *Books of Reference.*—Fresenius's or Noad's Qualitative Analysis.
Organic Chemistry. (Roscoe's Elements.) *Book of Reference.*—Fownes's Manual.

NATURAL HISTORY.

Comparative Anatomy, Physiology, and Histology.
Natural Families of Plants, with their characters, distribution, and properties.

Books of Reference.—Carpenter's Principles of Comparative Physiology; Quekett's Lectures on Histology; Carpenter on the Microscope; Lindley's Vegetable Kingdom.

MINERALOGY AND GEOLOGY.

Mathematics of Crystallography, comprising the calculation of crystal axes and angles.
Geology of North America, with Rock Formations, and Economic Minerals of Canada considered in detail.

Prof. Chapman's examples of the application of Trigonometry to the calculation of crystal axes; Geology of Canada, by Logan and Hunt.

Candidates for Honors in Meteorology, with a view to the Prizes, are required to be prepared in the following subjects:—

Treatise on Meteorology, by Professor Loomis. *Books of Reference.*—Herschell's Meteorology; Dove on the Distribution of Heat; Dove on the Laws of Storms.

They must also shew a practical acquaintance with the process of taking and registering the ordinary meteorological observations.

DEPARTMENT VI.—METAPHYSICS, ETHICS, AND CIVIL POLITY.

THOMSON, Outline of the Laws of Thought.
BACON, Novum Organon.
DESCARTES, Method, Meditations and Principles.
LOCKE, with Cousin's Critique.
REID, Intellectual Powers, with Sir W. Hamilton's Notes, (last ed.)
STEWART, Moral and Active Powers.
JOUFFROY, Introduction to Ethics.
KANT, Critique of Pure Reason.
MORELL, History of Philosophy.
SCHWEGLER, History of Philosophy.
TENNEMANN, " " , Scholastic period.
LIEBER, Political Ethics.
MILL, (J. S.) Political Economy.

DEPARTMENT VII.—ORIENTAL LANGUAGES.

HEBREW.

JOEL, Chaps. I, II., III. IV.
JONAH.
ZACHARIAH, Chaps. I., II. III., IV.

CHALDEE.

DANIEL, Chaps. IV., V.
EZRA, Chaps. IV., V.

SYRIAC.

Grammar.—Phillips's.
The Parables in the New Testament.
History of the Syriac Language.

A Candidate for Honors in Departments I., II., III., V., or VI., who has also obtained Honors in the same Department or Departments at the Examination for the Third Year, may omit all other Departments.

N.B.—This Statute will come into force at the Examinations to be held in May, 1870.